QML Pathology
Specialist Diagnostic Services Pty Ltd (ABN 84 007 190 043) APA No. 000042 t/a QML Pathology
11 Riverview Place, Metroplex on Gateway, Murarrie Qld 4172 Ph (07) 3121 4444

Pathology Report

DAHLSTROM, Vera

QML Pathology

For Surgery Use Urgent ☐ Ring Patient ☐ Make Appointment ☐ Note in Chart ☐ File ☐

Patient **BIMROSE, Rosemary** **PO BOX 105, MILLAA MILLAA QLD**
Sex F Age 61 years. DOB 02/09/1961
Report For DAHLSTROM, Vera
Ref. by/copy to

Requested 12/06/2023
Collected 12/06/2023 08:40 AM
Reported 16/06/2023 03:38 PM

CUMULATIVE SERUM HOMOCYSTEINE

	12/06/23
Time	08:40
Lab No	70092747

Homocysteine 9.4 umol/L (0.0-15.0)

70092747 High normal value.
With this level, the heterozygous state for defects of transsulphuration (homocysteinaemia) is unlikely. However the risk of coronary artery disease may be mildly elevated over the baseline. This is independent of other risk factors.

Homocysteine Related Risk

Plasma level (umol/L)	Risk Average
Below 9.0	No increase
9.0 - 14.9	x 2
15.0 - 19.9	x 3
20.0 or greater	x 4.5

Risks approximated from New Eng J Med 1997 (337:230-236)

URINARY IODINE

Creatinine	4.5	mmol/L
Iodine	66	ug/L
Iodine	0.52	umol/L

WHO 2008 guidelines:
Classification of iodine deficiency (Urine iodine ug/L):

> 99	Not iodine deficient
50-99	Mild iodine deficiency
20-49	Moderate iodine deficiency
< 20	Severe iodine deficiency

Levels in excess of 149 ug/L are regarded as adequate in pregnancy.
Levels exceeding 300 ug/L (or above 500 ug/L in pregnancy) may carry a "Risk of adverse health consequences".

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QML_RTE001-AV2

QML Pathology Dept | Date of Service | For Clinical Enquiries | Perf. Branch | Quote **23-70092747**

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TRACE ELEMENTS

+	Serum Selenium	1.93	umol/L	(0.80-1.90)

Note - the above range refers to populations with "normal" low levels of environmental exposure to selenium.

In smokers and other patients naturally or occupationally exposed to unusual amounts of selenium, plasma levels of up to approximately 4.0 umol/L have been observed and are not associated with any signs of toxicity.

(Disposition of Toxic Drugs and Chemicals in Man IX, ed. Baselt, 2011)

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